

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A fuel injection device, comprising:
an actuator;
a displacement amplification chamber ~~for amplifying that amplifies~~ an amount of displacement of the actuator;
a low pressure fuel passage; and
a replenishment fuel passage that places the low pressure fuel passage and the displacement amplification chamber in communication and has a check valve which allows a fuel to flow only toward the displacement amplification chamber, wherein the replenishment fuel passage has ~~a throttle portion~~ an extraneous matter separator that separates extraneous matter having a greater specific gravity than fuel, the extraneous matter separator being provided upstream of the check valve.
2. (Currently Amended) The fuel injection device according to ~~claim 1, claim 18~~, wherein the throttle portion of the replenishment fuel passage is formed so as to extend vertically upward or at a predetermined angle when the fuel injection device is installed.
3. (Original) The fuel injection device according to claim 2, wherein a fuel stagnation space is formed at an immediately upstream side of the throttle portion of the replenishment fuel passage.
4. (Currently Amended) The fuel injection device according to ~~claim 1, claim 18~~, wherein a large-diameter piston that is displaceable by the actuator and a small-diameter piston that faces the large-diameter piston via the displacement amplification chamber are provided, and at least one portion of the replenishment fuel passage extends from a peripheral

portion of the large-diameter piston which is located at a side relatively close to the actuator, to the displacement amplification chamber, via an interior of the large-diameter piston.

5. (Original) The fuel injection device according to claim 4, wherein the interior of the large-diameter piston comprises a dead-end hole that is formed as a portion of the replenishment fuel passage along an axial center of the large-diameter piston, the dead end hole being closed at an upper portion and opened at lower portion so as to be connected in communication to the displacement amplification chamber.

6. (Original) The fuel injection device according to claim 4, wherein the check valve is configured such that the interior of the large-diameter piston is placed in communication to or shut off from the displacement amplification chamber by operating the check valve.

7. (Currently Amended) The fuel injection device according to claim 4, wherein a sectional area of the peripheral portion of the large-diameter piston located close to the actuator is smaller than a sectional area of another peripheral portion of the large-diameter piston located close to the small-diameter piston; and

~~the~~ a fuel stagnation space is formed between the peripheral portion of the large-diameter piston located close to the actuator and a body of the fuel injection device.

8. (Original) The fuel injection device according to claim 4, wherein the throttle portion is formed so as to extend vertically upward or at a predetermined angle from the fuel stagnation space towards the interior of the large-diameter piston.

9. (Currently Amended) ~~A~~ The fuel injection device, comprising: according to claim 1, wherein

~~an actuator;~~

~~a displacement amplification chamber for amplifying an amount of displacement of the actuator;~~

~~_____ a low pressure fuel passage; and~~
~~_____ a replenishment fuel passage that places the low pressure fuel passage and the displacement amplification chamber in communication and has a check valve which allows a fuel to flow only toward the displacement amplification chamber, wherein the replenishment fuel passage is formed so that at least one~~ the extraneous matter separator includes a portion of the replenishment fuel passage extends that is formed upstream of the check valve so as to extend at least one of vertically upward or at a predetermined angle when the fuel injection device is installed.

10. (Original) The fuel injection device according to claim 9, wherein a large-diameter piston that is displaceable by the actuator and a small-diameter piston that faces the large-diameter piston via the displacement amplification chamber are provided, and at least one portion of the replenishment fuel passage extends from a peripheral portion of the large-diameter piston which is located at a side relatively close to the actuator, to the displacement amplification chamber, via an interior of the large-diameter piston.

11. (Original) The fuel injection device according to claim 10, wherein the interior of the large-diameter piston comprises a dead-end hole that is formed as a portion of the replenishment fuel passage along an axial center of the large-diameter piston, the dead end hole being closed at an upper portion and opened at lower portion so as to be connected in communication to the displacement amplification chamber.

12. (Original) The fuel injection device according to claim 10, wherein the check valve is configured such that the interior of the large-diameter piston is placed in communication to or shut off from the displacement amplification chamber by operating the check valve.

13. (Currently Amended) ~~A~~ The fuel injection device, comprising: according to claim 1, wherein

~~_____ an actuator;~~
~~_____ a displacement amplification chamber for amplifying an amount of~~
~~displacement of the actuator;~~
~~_____ a low pressure fuel passage; and~~
~~_____ a replenishment fuel passage that places the low pressure fuel passage and the~~
~~displacement amplification chamber in communication and has a check valve which allows a~~
~~fuel to flow only toward the displacement amplification chamber, wherein the replenishment~~
~~fuel passage has the extraneous matter separator includes a fuel stagnation space, space that is~~
~~formed upstream of the check valve in the replenishment fuel passage.~~

14. (Original) The fuel injection device according to claim 13, wherein a large-diameter piston that is displaceable by the actuator and a small-diameter piston that faces the large-diameter piston via the displacement amplification chamber are provided, and at least one portion of the replenishment fuel passage extends from a peripheral portion of the large-diameter piston which is located at a side relatively close to the actuator, to the displacement amplification chamber, via an interior of the large-diameter piston.

15. (Currently Amended) The fuel injection device according to claim 14, wherein the interior of the large-diameter piston comprises a dead-end hole that is formed as a portion of the replenishment fuel passage along an axial center of the large-diameter piston, the dead end hole being closed at an upper ~~portion~~ portion and opened at lower portion so as to be connected in communication to the displacement amplification chamber.

16. (Original) The fuel injection device according to claim 14, wherein the check valve is configured such that the interior of the large-diameter piston is placed in communication to or shut off from the displacement amplification chamber by operating the check valve.

17. (Original) The fuel injection device according to claim 14, wherein

a sectional area of the peripheral portion of the large-diameter piston located close to the actuator is smaller than a sectional area of another peripheral portion of the large-diameter piston located close to the small-diameter piston; and

the fuel stagnation space is formed between the peripheral portion of the large-diameter piston located close to the actuator and a body of the fuel injection device.

18. (New) The fuel injection device according to claim 1, wherein the extraneous matter separator includes a throttle portion that is formed upstream of the check valve in the replenishment fuel passage.